

## **ABSTRACT**

The invention provides a method for evaluating the physiological activity of an external stimulus on living cells by means of a surface plasmon resonance analyzer, which comprises evaluating the physiological activity of the external stimulus on the cells with an indication of a secondary signal appearing after a primary signal upon the exposure of the living cells to the external stimulus. According to the invention, the level of the physiological activity of an external stimulus on living cells can be evaluated accurately.

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